



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/058,270  
Source: OPE  
Date Processed by STIC: 3/12/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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OIPE

Does Not Comply  
Correction Required

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/058,270

DATE: 03/12/2003

TIME: 16:36:23

Input Set : A:\-52-1.app

Output Set: N:\CRF4\03122003\J058270.raw

3 <110> APPLICANT: Mack, David H.  
 4 Gish, Kurt C.  
 5 Afar, Daniel  
 6 Eos Biotechnology, Inc.  
 8 <120> TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and  
 9 Methods of Screening for Modulators of Breast Cancer  
 11 <130> FILE REFERENCE: 018501-005210US  
 13 <140> CURRENT APPLICATION NUMBER: US 10/058,270  
 14 <141> CURRENT FILING DATE: 2002-01-24  
 16 <150> PRIOR APPLICATION NUMBER: US 60/263,965  
 17 <151> PRIOR FILING DATE: 2001-01-24  
 19 <150> PRIOR APPLICATION NUMBER: US 60/265,928  
 20 <151> PRIOR FILING DATE: 2001-02-02  
 22 <150> PRIOR APPLICATION NUMBER: US 09/829,472  
 23 <151> PRIOR FILING DATE: 2001-04-09  
 25 <150> PRIOR APPLICATION NUMBER: US 60/282,698  
 26 <151> PRIOR FILING DATE: 2001-04-09  
 28 <150> PRIOR APPLICATION NUMBER: US 60/288,590  
 29 <151> PRIOR FILING DATE: 2001-05-04  
 31 <150> PRIOR APPLICATION NUMBER: US 60/294,443  
 32 <151> PRIOR FILING DATE: 2001-05-29  
 34 <160> NUMBER OF SEQ ID NOS: 141  
 36 <170> SOFTWARE: PatentIn Ver. 2.1

## ERRORED SEQUENCES

10981 <210> SEQ ID NO: 129  
 10982 <211> LENGTH: 1909  
 10983 <212> TYPE: DNA  
 10984 <213> ORGANISM: Homo sapiens  
 10986 <400> SEQUENCE: 129  
 10987 ccacgcgtcc gcaatgaagc cgagtgaatg ggggctgaat gtgcgagtcc atagctgaag 60  
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 10989 attgccagtt ttacgcctcc tcatgcctcc gtctccttta gacgacaggg tagtagtggc 180  
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 10997 tgacttggca aagaagatga ccaaatgcag caagagtcac ctgccgagtc agggccctgt 660

*- n detected in sequence, feature required  
 See P. 3*

## RAW SEQUENCE LISTING

DATE: 03/12/2003

PATENT APPLICATION: US/10/058,270

TIME: 16:36:24

Input Set : A:\-52-1.app

Output Set: N:\CRF4\03122003\J058270.raw

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11017 attaaggagg ttaaagaagt aatttttttt aagcccaacc attaaaaatt taatacaact 1860
E--> 11018 tggtttctcc cccttttcc tttaaagcta ntttgtaaaa gtttatgag 1909

```

## VARIABLE LOCATION SUMMARY

DATE: 03/12/2003

PATENT APPLICATION: US/10/058,270

TIME: 16:36:25

Input Set : A:\-52-1.app

Output Set: N:\CRF4\03122003\J058270.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

in &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:121; N Pos. 2434,2435,2586

Seq#:122; Xaa Pos. 758,809

Seq#:129; N Pos. 1891

## VERIFICATION SUMMARY

DATE: 03/12/2003

PATENT APPLICATION: US/10/058,270

TIME: 16:36:25

Input Set : A:\-52-1.app

Output Set: N:\CRF4\03122003\J058270.raw

L:10174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:2400

M:341 Repeated in SeqNo=121

L:10391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:752

M:341 Repeated in SeqNo=122

L:11018 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:129